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POOR ORGANIZATION IN COMPRESSOR PRODUCTION;
NEW METALLURGICAL, FOUNDRY MACHINERY

TARDY, FAULTY PRODUCTION MARKS FOUNDRY -- Riga, Sovetskaya Latvya, 30 Aug 52

The assembly section of the Riga Turbine Machinery Plant did not start work on its July quota until the next-to-last day of that month. During the first 17 days of the month not one of the basic castings for 15 compressors arrived in the assembly section, for the foundry did not begin to pour the castings until the middle of the month. The crankshaft housings which are needed before assembly can begin, did not begin to arrive in the machine-assembly shop until 20 July. The compressor valve heads did not arrive until the end of the month.

This performance prevented the plant from meeting its July plan; ten compressors, three rock-loading machines, a turbine, and many other items slated for delivery that month were not completed. Completion dates for assembly of these machines were revised. Then, as their turn came, they were not met. It was discovered that Rogov, chief of the Planning Division, had neglected to include in the July plan an order for the foundry to make castings for some bronze bushings for the turbine. When the last compressor was tested on 16 August, a valve head failed to sustain the pressure. Castings for these parts, made in the last-minute rush at the end of July, were defective.

In August, the plant was to have turned out ten more compressors, but by the twentieth of that month not one of the basic parts was ready for assembly.

Inefficient production organization and technological shortcomings are the chief reasons for the plant's poor performance.

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Planning is practically nonexistent in the machine-assembly shop, one of the most important in the plant. This shop consists of two large units, the machine and the assembly sections. Parts from the foundry and the boiler-welding shop go to the machine section where they undergo machining, and pass on to the assembly section. Many hundreds of parts pass through the machine section, but they are processed there in a haphazard manner and move into the assembly section irregularly.

During the speed-ups which come at the end of each month, a considerable proportion of the products of the preparatory shops show departures from the standard. Allowances of 50 to 80 millimeters became the general rule. The Division of the Chief Designer, with unbelievable casualness, lets such parts go out to the machine shop without considering the great amount of metal which will be wasted in machining.

Meanwhile, the amount of faulty products is increasing. Many parts issue from the boiler-welding shop minus trade marks -- another irregularity which is considered perfectly regular. No reject records are kept, so that faulty production goes unnoted.

The directors are prepared to blame anyone but themselves for the poor performance of the plant. The excuse is made, for example, that the plant lacks proper equipment. The machines on hand, however, are not working to their full capacity. There are not sufficient tools and attachments at the work areas. The tool shop spends a great deal of time making parts which other shops should be turning out, instead of spending this time making tools. The machinery and repair shop is characterized by the same inefficiency. Finally, out-of-order machine tools are not repaired, and sound ones are run till they wear out.

Last-minute speed-ups and poor work organization shatter work discipline and engender indifference and irresponsibility. At 0800 the entrance to the plant looks like a market place. The crowd starts to work one by one when the whistle blows, and it is followed by a daily contingent of about 20 stragglers. The plant directors, not deigning to take due notice of these events have not called a single case of tardiness to account during the past month.

The all-important socialist competition is weakly organized. Many workers do not even know what their shops have pledged. Methods of leading workers are not given sufficiently forceful dissemination.

This is not the first year that the above irregularities have existed at the plant; former directors tolerated them too. Several months ago the management was changed. But Antonov, the present director, and Kostormin, the Chief engineer, are not taking the required steps to rectify the situation.

The Riga Turbine Machinery Plant pledged to meet its year plan by 20 December; even the first-quarter plan, however, is not yet fulfilled. The July quota was only 77.5 percent fulfilled, and it is doubtful that the August quota will be met.

COMPLETE MILL PULL-OVER -- Alma-Ata, Kazakhstanskaya Pravda, 22 May 52

The Alma-Ata Heavy Machine-Building Plant has completed a rolling-mill pull-over device for the Zhdanov Azovstal' Metallurgical Plant. The device, weighing 80 tons and measuring 21 meters long and 12.5 meters wide, is designed for moving hot-rolled 12-meter strips from the roller conveyor.

The plant is now completing a roller conveyor weighing 51 tons for the Azovstal' Plant.

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FLYING SHEAR CONTROLLED BY PHOTOELECTRIC CELL -- Alma-Ata, Kazakhstanskaya Pravda,
6 Jul 52

The Staro-Kramatorsk Plant imeni Ordzhonikidze has completed a flying shear which cuts sheets from a metal strip coming off the rolling mill at 6 meters per second. Automatically operated, the shear starts to work as soon as the glow from the tempered metal strip, appearing between the shear blades, acts on a photoelectric cell.

The plant has developed and built another automatic shear which counts the sheets it has cut.

PRODUCE 30 NEW ITEMS -- Kishinev, Sovetskaya Moldaviya, 16 Aug 52

The Tiraspol' Machinery Plant imeni Kirov, destroyed during the war, was not only restored, but its capacity was considerably increased.

During the postwar years the plant established production of 30 new items. The series-produced DN-22 diesel engine is in operation at kolkhozes, MTS, and plants throughout the republic. The plant also produces a great many centrifugal pumps for irrigation purposes. Recently, letters from Takhiya Tash, where dozens of the plant's motors and pumps are at work, reported favorably on the operation of these machines.

In 1952, the plant turned out a great number of crusher-rollers for conditioning molding sand. These machines have been installed in metallurgical plants in Moscow, Leningrad, Kiev, Khar'kov, Sverdlovsk, Barnaul, and other cities. They also are reported to be turning in outstanding performances.

The plant manufactures several types of wine presses for the republic's viticulture industry.

Recently, the plant began to turn out die-casting machines for nonferrous metals, and fuel tanks for kolkhozes and MTS. -- A. Nechayenko, Director, Tiraspol' Machinery Plant imeni Kirov

NEW CASTING MACHINE -- Moscow, Vechernyaya Moskva, 27 Aug 52

The Moscow Krasnaya Presnya Plant has established production of a new centrifugal casting machine for turning out iron waterpipes. The first model of this machine has successfully passed plant tests.

BUILD AUTOMATIC PRESS -- Tashkent, Pravda Vostoka, 5 Jun 52

According to Stalin Prize winner Pavlov, chief designer of the Sverdlovsk Uralmash Plant, that plant built a new automatic press which performs all operations automatically after the part has been set up.

Another contribution of the Uralmash Plant to industry is a press which performs all operations in the manufacture of fire brick, from loading the material into a hopper, to unloading the finished bricks.

A rail mill which the plant built for the Novo-Tagil' Metallurgical Plant, is completely mechanized.

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